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| Application No. | Applicant(s)  |  |
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| 09/988,515      | LITWIN ET AL. |  |
| Examiner        | Art Unit      |  |

| √ | Rejected |
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| - | (Through numeral)<br>Cancelled |
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| Cla   | aim   | Date  Signature  Date  Signature  Date  Signature  Date  Signature  Date  Date |  |              |                |  |          |              |  |          |  |  |  |
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| Final | Original  | F.   |  |              |                |  |          |              |  |          |  |  |  |
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|       |   | 10   |  |              |                |  |          |              |  |          |  |  |  |
|       | 1_  | V  |  |              |                |  |          |              |  |          |  |  |  |
|       | 2   | ۷  |  |              |                |  |          |              |  |          |  |  |  |
|       | 3   | ~  |  |              |                |  |          |              |  |          |  |  |  |
|       | 4   | 4  |  |              |                |  |          |              |  |          |  |  |  |
|       | 5   | ۲  |  |              |                |  |          |              |  |          |  |  |  |
|       | 6   | ~  |  |              |                |  |          |              |  |          |  |  |  |
|       | 7   | 8  |  |              |                |  |          |              |  |          |  |  |  |
|       | 8   | 7  |  |              |                |  |          |              |  |          |  |  |  |
|       | 9   | ~  |  |              |                |  |          |              |  |          |  |  |  |
|       | 10  | v  |  |              |                |  |          |              |  |          |  |  |  |
|       | 11  | ~  |  |              |                |  |          |              | Π  |          |  |  |  |
|       | 12  | ~  |  |              |                |  |          |              |  |          |  |  |  |
|       | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29<br>30 | 4  |  |              |                |  |          |              |  |          |  |  |  |
|       | 14  | -  |  | Г            | Г              |  |          |              |  |          |  |  |  |
|       | 15  | 7  |  |              |                |  |          |              |  |          |  |  |  |
|       | 16  | v  |  |              |                |  |          |              |  |          |  |  |  |
|       | 17  | <u>.</u>   | Т  |              |                |  |          |              |  |          |  |  |  |
|       | 18  | 1  |  |              |                |  |          | $\vdash$     |  | _        |  |  |  |
|       | 19  | -  |  |              | $\vdash$       |  |          |              |  | Н        |  |  |  |
|       | 20  | ,  |  |              |                |  |          |              |  |          |  |  |  |
| -     | 21  | Ť  | -  |              |                |  |          |              |  |          |  |  |  |
|       | 22  |  |  |              | $\vdash$       |  |          |              |  |          |  |  |  |
|       | 23  | $\vdash$   |  |              | $\vdash$       |  |          |              |  | $\vdash$ |  |  |  |
|       | 24  |  |  |              | $\vdash$       |  |          | $\vdash$     | $\vdash$   | ┢        |  |  |  |
|       | 25  |  |  | $\vdash$     |                |  |          | ┢            | -  | $\vdash$ |  |  |  |
|       | 26  |  |  |              | $\vdash$       |  |          | -            | <del>                                     </del> | $\vdash$ |  |  |  |
|       | 27  | 一  | _  | -            | ┝              | _  | -        | -            |  | $\vdash$ |  |  |  |
|       | 28  | <del> </del>   |  | -            | -              |  |          | $\vdash$     |  | $\vdash$ |  |  |  |
|       | 20  | ┝  | -  | -            | -              | -  | -        | $\vdash$     |  | $\vdash$ |  |  |  |
|       | 30  | ┢  | $\vdash$   | $\vdash$     | ├              |  |          | _            | -  |          |  |  |  |
|       | 31  | $\vdash$   | <del>                                     </del> | $\vdash$     | <del>  -</del> | -  |          | $\vdash$     | -  | ├─-      |  |  |  |
|       | 32  | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$       | -  |          | $\vdash$     | <del> </del>                                     | }        |  |  |  |
|       | 33  | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$       | $\vdash$   | -        | $\vdash$     | $\vdash$   | $\vdash$ |  |  |  |
|       | 3/  | $\vdash$   |  | $\vdash$     | $\vdash$       | -  |          | $\vdash$     | $\vdash$   | $\vdash$ |  |  |  |
|       | 32<br>33<br>34<br>35<br>36  | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$       | <u> </u>   | $\vdash$ | $\vdash$     | <del> </del>                                     | $\vdash$ |  |  |  |
| -     | 36  | -  | -  | <u> </u>     | -              | <del> </del> -                                   |          |              |  |          |  |  |  |
|       | 37  |  |  | $\vdash$     | $\vdash$       | _  |          |              | $\vdash$   | $\vdash$ |  |  |  |
|       | 37<br>38  | -  | -  |              |                | -  |          | <del> </del> | -  | ┝╾       |  |  |  |
|       | 39  |  | $\vdash$   | $\vdash$     | -              | <del> </del>                                     | $\vdash$ | -            | $\vdash$   | $\vdash$ |  |  |  |
|       | -   | ├-   | ├  | $\vdash$     | $\vdash$       |  |          | $\vdash$     | $\vdash$   | $\vdash$ |  |  |  |
|       | 40  | -  | <del> </del>                                     | $\vdash$     |                | <del> </del>                                     |          | ├            | -  |          |  |  |  |
|       | 42  |  | -  | $\vdash$     |                | ┢  |          |              |  | -        |  |  |  |
|       | 43  | -  |  | -            | $\vdash$       |  |          |              |  | -        |  |  |  |
|       | 44  | ├-   | -  |              | -              | <del> </del>                                     |          | -            |  |          |  |  |  |
|       | 45  | <del>                                     </del>   | $\vdash$   | <del> </del> | -              | <del>                                     </del> | -        |              | -  | -        |  |  |  |
|       | 46  | +  | -  | $\vdash$     | ⊢              | ┢  | $\vdash$ | $\vdash$     | $\vdash$   | ┢        |  |  |  |
|       | 47  | ⊢  | <del> </del>                                     | -            |                | <del>  -  </del>                                 | $\vdash$ | $\vdash$     | -  | $\vdash$ |  |  |  |
|       | 48  | ├  | ├  | <del> </del> |                | ├  | ├─       | -            | ┝  |          |  |  |  |
|       | 49  | $\vdash$   | ├-   | -            | ├              | $\vdash$   | -        | -            | ├  | -        |  |  |  |
|       | 50  | ├  | $\vdash$   | -            |                | -  | $\vdash$ |              | -  | ├        |  |  |  |

|          | _        |               |          |           | ate      | <u>;                                     </u> | _        |                |              | 1 ::: | ΞL | Ula   | im       | <u> </u> |          | _        |          | <u>Dat</u> | <u>e</u> _   |              |          |              |      |
|----------|----------|---------------|----------|-----------|----------|---|----------|----------------|--------------|-------|----|-------|----------|----------|----------|----------|----------|------------|--------------|--------------|----------|--------------|------|
| Original | 3-17-05  |               |          |           |          |   |          |                |              |       |    | Final | Original |          |          |          |          |            |              |              |          |              |      |
| 1        | V        |               |          |           |          |   |          |                |              |       |    |       | 51       |          |          |          |          |            |              |              |          |              |      |
| 2        | ~        |               |          |           |          |   |          |                |              |       |    |       | 52       |          |          |          |          |            |              |              |          |              |      |
| 3        | 3        | $\perp$       |          | _         |          |   |          |                |              |       | 1  |       | 53       |          |          |          |          |            |              |              |          |              |      |
| 4        | 4        | $\perp$       |          | 4         |          |   |          |                |              |       | 1  |       | 54       |          |          |          |          |            |              |              |          |              |      |
| 5        | ۲        |               | _        | _         | _        |   |          | ļ              |              |       | 1  |       | 55       |          |          |          | _        | _          | L            |              |          |              |      |
| 6        | "        | _             | _        | 4         |          |   | _        | <u> </u>       | <u> </u>     |       | 1  |       | 56       |          |          |          |          | ļ          | _            | _            |          | <u> </u>     |      |
| 7        | ~        |               | -        | -         |          |   |          | ├              | <del> </del> | ł     | -  |       | 57       |          |          |          | _        | <u> </u>   | <u> </u>     | _            | -        | ļ            |      |
| 8        | 4        |               |          | +         | -        |   |          | <del> </del> — |              |       | ŀ  |       | 58       | H        |          |          | ⊢        |            |              | ┡            |          |              |      |
| 10       | <b>-</b> | -             | +        | $\dashv$  |          |   |          | -              | $\vdash$     | ł     | ŀ  |       | 59<br>60 | $\vdash$ |          |          | H        | $\vdash$   | $\vdash$     | ⊢            | ┢        | ⊢            |      |
| 11       | V        | $\vdash$      | +        | +         | $\dashv$ |   |          | $\vdash$       | ⊢            | ╢     | ŀ  |       | 61       | $\vdash$ |          |          | $\vdash$ | ┝          | $\vdash$     | ╁─           | ⊢        | ⊢            |      |
| 12       | ~        |               | +        | $\dashv$  | $\dashv$ | _   |          | $\vdash$       | ╁            | 1     | -  |       | 62       | -        | <u> </u> |          | -        | ┝          | ⊢            | -            | <b> </b> | -            | 1    |
| 13       | ۳<br>لا  |               | +        | 7         |          |   | -        | $\vdash$       | ╁            | 1     | ŀ  |       | 63       | _        |          |          | ┝        | $\vdash$   | $\vdash$     | <del> </del> |          | -            |      |
| 14       | <u>ه</u> |               | 十        | $\dashv$  |          |   | _        | $\vdash$       | ├            | 1     | -  |       | 64       |          |          |          | $\vdash$ |            |              | <u> </u>     | <u> </u> |              |      |
| 15       |          |               | $\top$   | 7         |          | _   |          | T              | T            | 1     | 1  |       | 65       |          |          | _        |          | -          |              |              |          |              |      |
| 16       | v        |               | T        | T         |          |   |          | T              |              | 1     |    |       | 66       |          |          |          |          |            |              |              |          |              |      |
| 17       | -        |               | _        |           |          |   |          |                |              | 1     |    |       | 67       |          |          |          |          | Г          | Г            | T            | <u> </u> |              |      |
| 18       | ~        |               |          | Ì         |          |   |          |                |              |       |    |       | 68       |          |          |          |          |            |              |              |          |              |      |
| 19       | 1        |               |          |           |          |   |          |                |              |       |    |       | 69       |          |          |          |          |            |              |              |          |              |      |
| 20       | 1        |               |          |           |          |   |          |                |              |       |    |       | 70       |          |          |          |          |            |              |              | <u> </u> |              |      |
| 21       |          |               | $\perp$  |           |          |   |          |                |              |       | 1  |       | 71       |          |          |          |          |            |              |              | <u> </u> |              |      |
| 22       | 1        |               | $\perp$  | $\perp$   |          |   | _        | _              |              |       |    |       | 72       |          |          |          |          | _          |              | L            | <u> </u> |              |      |
| 23       | $\perp$  | $\perp$       | $\perp$  | _         |          |   | _        | <u>Ļ</u>       | <u> </u>     |       |    |       | 73       |          |          |          |          |            |              | _            | <u> </u> |              |      |
| 24       | _        | _             | 4        | _         |          |   | <u> </u> | <b>├</b>       | ┞            |       |    |       | 74       |          |          |          | _        | ⊢          | <u> </u>     | ┞            | <u> </u> |              |      |
| 25       | 1        | $\rightarrow$ | +        | $\dashv$  |          |   | <u> </u> | ļ              | ├            |       |    |       | 75       |          |          |          | -        | _          | <u> </u>     | ├            | ├        |              |      |
| 26       |          | -             |          | +         |          |   | -        | ├-             | ┢            | ł     |    |       | 76       |          | -        |          |          | ┝          | -            | -            | -        |              | H    |
| 27<br>28 | +        |               | +        | +         |          |   | _        | -              | ┢            | ł     | 1  |       | 77<br>78 |          |          |          |          | ├          | ├            | -            | -        | -            | ł    |
| 29       | +        | -             |          | +         | $\dashv$ | _   | ⊢        | ⊢              | ┢            | ł     | -  |       | 79       |          | _        |          | -        | ├          | ├            | -            |          | -            |      |
| 30       | +        | $\vdash$      | $\dashv$ | -         |          |   | -        | ├              | ╁─           | ł     | ŀ  |       | 80       |          |          |          | $\vdash$ | ⊢          | ├─           | ╁            | ┼        | ┝            |      |
| 31       | +        | $\dashv$      | ┰        | +         | -        |   | ┢        | +-             | ╁╾           | 1     | -  |       | 81       |          | -        |          | $\vdash$ | $\vdash$   |              |              |          | -            |      |
| 32       | +        |               | $\top$   | ┪         |          |   | H        | ╁              |              | t     | :: |       | 82       |          |          |          | $\vdash$ | $\vdash$   | $\vdash$     | <u> </u>     |          |              |      |
| 33       |          |               | 1        | 7         |          |   |          | l              |              | 1     |    |       | 83       |          |          |          | _        |            | Ι-           | T            | <b>†</b> |              |      |
| 34       |          | $\Box$        | $\top$   | $\exists$ |          |   |          |                |              | 1     |    |       | 84       |          |          | _        |          | Г          |              | T            |          |              |      |
| 35       |          |               |          | 7         |          |   |          |                |              | 1     | 1  |       | 85       |          |          |          |          |            |              | •            |          |              |      |
| 36       |          |               |          |           |          |   |          |                |              | ]     |    |       | 86       |          |          |          |          |            |              |              |          |              |      |
| 37       |          |               |          | $\perp$   |          |   | _        | _              | <u> </u>     |       |    |       | 87       |          | L        |          | _        |            |              |              |          |              |      |
| 38       |          |               | $\perp$  | 4         |          |   | _        | ļ.,            | ┖            |       | :: |       | 88       |          | _        |          | _        | L          |              |              |          |              |      |
| 39       | 4        | $\perp$       | 4        | _         |          |   | _        | <u> </u>       | <u> </u>     | 1     |    |       | 89       |          |          |          | _        | _          |              | _            | ╙        |              |      |
| 40       | -        | -             | _        | 4         |          |   |          | ↓_             | <b> </b>     |       | :  |       | 90       | _        |          |          |          |            |              | -            | <u> </u> |              |      |
| 41       | 1        | -             | +        | $\dashv$  | _        |   | ļ        | <del> </del>   | $\vdash$     | ł     | 1  |       | 91       | <u> </u> | _        |          |          |            |              | ├-           | _        | _            |      |
| 42       | +        |               | +        | _         |          |   |          | -              | -            | ł     | 1  |       | 92       | -        |          |          |          | ļ          | -            | -            | -        | <b> </b>     |      |
| 43<br>44 | +-       | -+            |          | $\dashv$  |          |   | -        | ├              | <del> </del> | ╢     | ŀ  |       | 93<br>94 |          |          | -        |          | -          | ├            | ┢            | ┢        | ⊢            |      |
| 45       | +        | $\vdash$      | +        | $\dashv$  |          |   |          | ╀              |              | 1     | ŀ  |       | 95       | $\vdash$ | —        | -        | -        | ├          | ├            | ⊢            | $\vdash$ | ├            |      |
| 46       | +-       | $\vdash$      | +        | +         |          |   | $\vdash$ | 1              | $\vdash$     | 1     | ŀ  |       | 96       | H        | -        | _        | $\vdash$ | $\vdash$   | ┼            | $\vdash$     | $\vdash$ |              | lii  |
| 47       | +        | $\vdash$      | $\dashv$ | +         | _        | _   | $\vdash$ | 一              | ┢            | 1     | ŀ  |       | 97       |          | -        | -        | $\vdash$ | $\vdash$   | <del> </del> | $\vdash$     | $\vdash$ |              |      |
| 48       | +-       | -             |          | +         |          | -   |          | T              | $t^-$        | 1     | ŀ  |       | 98       |          | -        | -        | $\vdash$ | $\vdash$   | $\vdash$     | $\vdash$     | $\vdash$ | <del> </del> | f    |
| 49       | $\top$   | $\vdash$      | $\dashv$ | +         |          |   |          | $t^-$          | T            |       | ŀ  |       | 99       | Ι-       | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$     | $\vdash$     |          | -            |      |
|          |          |               |          |           |          | _   |          | -              |              | 1     |    |       | 100      |          |          |          | 1        |            |              | 1            |          |              | 1::: |

| : 1 | -     |  |  |                  |  |            |  |              |  |              |          |  |
|-----|-------|--|--|------------------|--|------------|--|--------------|--|--------------|----------|--|
| 1   | Cla   | aim  | <u> </u>   |                  |  | [          | Date   | 9            |  |              |          |  |
|     | Final | Original   |  |                  |  |            |  |              |  |              |          |  |
|     |       | 101<br>102   |  |                  |  |            |  |              |  |              |          |  |
| ١   |       | 102  |  | <u> </u>         |  |            |  | L            |  |              |          |  |
| ł   |       | 103  |  |                  |  |            |  |              |  |              |          |  |
| I   |       | 104  |  |                  |  |            |  |              |  |              |          |  |
| I   |       | 104<br>105   |  |                  |  |            |  |              |  |              |          |  |
| I   |       | 106  |  |                  |  |            |  |              |  |              |          |  |
| I   |       | 107  |  |                  |  |            |  |              |  |              |          |  |
| I   |       | 108  |  |                  |  |            |  |              |  |              |          |  |
| 1   |       | 109  |  |                  |  |            |  |              |  |              |          |  |
| 1   |       | 110  |  |                  |  |            |  |              |  |              |          |  |
| 1   |       | 111  |  |                  |  |            |  |              |  |              |          |  |
| 1   |       | 112  |  |                  |  |            |  |              |  |              |          |  |
|     |       | 113  |  |                  |  |            |  | <u> </u>     | L  |              |          |  |
| J   |       | 112<br>113<br>114  |  |                  |  |            |  |              |  |              | Ш        |  |
| 1   |       | 115<br>116<br>117  |  |                  | _  |            |  | <u>_</u>     |  |              | Ш        |  |
| I   |       | 116  |  |                  |  |            |  |              | _  |              | Щ        |  |
| 1   |       | 117  |  |                  |  |            |  |              | L  |              | Ш        |  |
| 1   |       | 118<br>119   |  |                  |  |            |  |              |  |              | Ш        |  |
| I   |       | 119  | _  |                  | L  | L.         |  |              |  | ļ            | Ш        |  |
|     |       | 120  |  |                  |  | L          |  | _            | _  |              | Ш        |  |
|     |       | 121  | _  |                  |  | <u> </u>   |  |              |  |              | Щ        |  |
|     |       | 122  | <u> </u>   |                  |  | <u>L</u> . | L  | L            |  |              | Ш        |  |
| 1   |       | 123  | <u> </u>   | _                | _  |            |  |              |  | _            | Ш        |  |
|     |       | 124  | <u> </u>   |                  | _  | <u> </u>   | _  |              | <u> </u>   |              | Ш        |  |
| 1   |       | 125  | <u> </u>   |                  | _  |            | _  |              | <u> </u>   | <u> </u>     | Н        |  |
|     |       | 120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129 | <u> </u>   | -                | <u> </u>   | <u> </u>   | -  |              | -  | <u> </u>     | Н        |  |
| I   |       | 127  | $\vdash$   | -                | -  | <u> </u>   |  | <u> </u>     | <u> </u>   | <u> </u>     | Н        |  |
| I   |       | 128  | <del> </del>                                     | -                | $\vdash$   | _          | -  |              | -  |              | Н        |  |
| 1   |       | 129  | ⊢  |                  | ⊢  | _          | _  |              | ┝  | ┝            | Н        |  |
|     |       | 130  | -  | -                | -  | H          | _  |              | <u> </u>   | _            | Н        |  |
| I   |       | 131<br>132<br>133  |  | ├                | ├  | ⊢          | _  |              |  | <u> </u>     |          |  |
| ı   |       | 132  | $\vdash$   | ┢                | $\vdash$   |            | -  |              | -  | _            | -        |  |
| 1   |       | 133  |  | -                | _  | H          | _  |              | -  |              |          |  |
| 1   |       | 134  | $\vdash$   |                  | _  |            |  |              | -  |              | Н        |  |
| I   |       | 134<br>135<br>136<br>137   | -  | -                | -  | -          | _  |              | -  |              | $\vdash$ |  |
| I   |       | 137  | -  |                  | ├-   | -          | ├  |              | -  | -            | Н        |  |
| 1   |       | 138  | -  | -                | $\vdash$   | $\vdash$   | -  |              | $\vdash$   | $\vdash$     | Н        |  |
| 1   |       | 130  | ⊢  |                  | -  |            | $\vdash$   |              | $\vdash$   | $\vdash$     | Н        |  |
|     |       | 139<br>140   | $\vdash$   |                  | $\vdash$   |            | $\vdash$   |              | $\vdash$   | ├            | Н        |  |
| 1   |       | 141  |  |                  | H  |            | ├-   | -            |  | $\vdash$     | Н        |  |
| 1   |       | 142  |  | -                | H  |            | <del>                                     </del> | -            |  | -            |          |  |
|     |       | 143  | <del> </del>                                     | <del>  -  </del> | <del>                                     </del> | $\vdash$   |  | ┰            | <del>                                     </del> |              | H        |  |
|     | -     | 144  | <del>                                     </del> | <del> </del>     | -  | $\vdash$   | -  |              | ╁╌   | -            | H        |  |
|     |       | 145  | $\vdash$   | $\vdash$         |  | $\vdash$   | $\vdash$   |              | $\vdash$   |              | $\vdash$ |  |
| J   |       | 146  |  | $\vdash$         | -  | -          | $\vdash$   | $\vdash$     |  | <del> </del> | H        |  |
| 1   |       | 147  | $\vdash$   | $\vdash$         | -  | $\vdash$   | $\vdash$   | -            | <del>                                     </del> | t            | $\vdash$ |  |
| -   |       | 148  | <del>                                     </del> | +-               | $\vdash$   |            | -  | <del> </del> | <del>                                     </del> | $\vdash$     | Н        |  |
|     |       | 149  | $\vdash$   | $\vdash$         | H  | $\vdash$   |  | -            | <del>                                     </del> | -            | Н        |  |
|     |       | 150  | <del> </del>                                     | <del> </del>     | Н  |            |  | $\vdash$     |  | $\vdash$     | Н        |  |
| ļ   |       | 1 100  | Ь_   | ⊥                | <u>!</u>   |            |  |              | Ь.   | <u> </u>     | لـــا    |  |